## **EAST Search History**

## **EAST Search History (Prior Art)**

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp	
L2	2261	600/509.ccls.	US-PGPUB; OR USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB		ON	2011/06/01 22:01	
S1	1	wo01/13990	US-PGPUB; OR USPAT; EPO; JPO; DERWENT		ON	2007/10/18 15:16	
S2	1	09/378181	US-PGPUB; USPAT	OR	ON	2007/10/18 15:41	
S3	8	"6450942"	US-PGPUB; USPAT	OR	ON	2007/10/18 17:21	
S4	0	600/513.ccls	US-PGPUB; USPAT	OR	ON	2007/10/18 15:49	
S5	709076	"600"/ "513.ccls"	US-PGPUB; OR ON USPAT		2007/10/18 15:50		
S6	422	600/513.ccls.	US-PGPUB; USPAT	,		2007/10/18 15:50	
S7	2	"6832982"	US-PGPUB; USPAT	OR	ON	2007/10/18 17:21	
S8	0	wo/01/13990a	US-PGPUB; USPAT	OR	ON	2007/11/07 11:38	
S9	0	WO01/13990a	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2007/11/07 11:39	
S10	2954793	WO 01/13990a	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2007/11/07 11:39	
S11	23	"4541417"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2007/11/07 11:41	
S12	5485	pulse near ms	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2007/11/07 14:21	
S13	30	S12 and electrotherapy	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2007/11/07 14:22	
S14	6	("3083712"   "4381012"   "4432368"   "4796631"   "5487759").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/07 14:25	
S15	0	(".1" near ms)	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2007/11/07 14:26	

S16	0	(".1" near ms)	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2007/11/07 14:26
S17	0	wo200113990	US-PGPUB; USPAT	OR	ON	2007/11/07 14:33
S18	1	"10578340"	US-PGPUB; USPAT	OR	ON	2007/11/07 14:56
S19	509	600/515.cdls.	US-PGPUB; USPAT	OR	ON	2007/11/07 15:30
S20	23	"5186171"	US-PGPUB; OR USPAT; EPO; JPO; DERWENT		ON	2007/12/04 11:26
S21	3	electrotherapy same (channel near group)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/04 14:01
S22	43	electrotherapy same channel\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/04 14:04
S23	14	S22 and muscles\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/04 14:04
S24	1	"10578596"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/04 14:06
S25	24	lapanashvili.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/04 14:07
S26	89	(output near channel) same muscle\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/04 14:18
S27	68	S26 and @py<="2004"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/04 14:18
S28	4	S27 and lateralis	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/04 14:45
S29	3	01/13990	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/04 14:46
S30	1	"10578585"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/04 14:49
S31	3	"20040167585"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/04 14:50
S32	1	"10578585"	US-PGPUB; USPAT	OR	ON	2007/12/05 09:06
S33	1	"20020058972"	US-PGPUB; USPAT	OR	ON	2007/12/05 09:39

S34	0	S33 and lateralis	US-PGPUB; OR USPAT		ON	2007/12/05 09:39
S35	8937	electrodes same muscles	US-PGPUB; USPAT	OR	ON	2007/12/05 09:41
S36	46	S35 and lateralis	US-PGPUB; USPAT	OR	ON	2007/12/05 09:41
S37	3	S36 and glutea	US-PGPUB; OR USPAT		ON	2007/12/05 09:42
S38	803609	EP "1078649"	US-PGPUB; OR USPAT		ON	2007/12/05 09:47
S39	15	"1078649"	US-PGPUB; OR USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM TDB		ON	2007/12/05 09:47
S40	3	(lateralis and glutea) near muscles	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/05 09:51
S41	463	lateralis and muscle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/05 09:51
S42	4	S41 and glutea	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/05 09:52
S43	3	lateralis same glutea	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/05 09:53
S44	10	"0847776"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/05 09:53
S45	62	"4753226"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/05 09:55
S46	7	"2004012618"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/05 09:56
S47	3	supragenus same medialis	US-PGPUB; USPAT	OR	ON	2007/12/05 10:10

S48	3	"200113990"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/05 10:19
S49	1	S48 and muscles	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/05 10:20
S50	32	nonelectric same sensor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/05 11:20
S51	3	nonelectric near sensor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/05 11:20
S52	10	"6450942"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/07/29 13:47
S53	6	S52 and sensor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/07/29 13:48
S54	0	S52 and (processor same delay)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/07/29 13:48
S55	0	S52 and processor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/07/29 13:48
S56	4	S52 and trigger	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/07/29 13:49
S57	0	S52 and (compare same (maximum and minimum))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/07/29 13:50

S58	5	S52 and compare	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/07/29 13:51
S59	0	S52 and (preced\$ same value)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/07/29 13:52
S60	0	S52 and (preceding same value)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/07/29 13:52
S61	3	S52 and (measurement same value)			OFF	2008/07/29 13:52
S62	0	S52 and (measurement same window)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/07/29 13:52
S63	0	S52 and (repeat same sequence)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/07/29 13:53
S64	4	S52 and average	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/07/29 13:54
S65	0	S52 and (positve same deviation)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/07/29 13:54
S66	3	S52 and deviation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/07/29 13:55
S67	1	S52 and channels	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/07/29 13:56
S68	477	600/513.cdls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/07/30 15:39

S69	547	600/515.ccls.	US-PGPUB; OR USPAT; EPO; JPO; DERWENT		ON	2008/07/30 15:48
S70	1	"09378181"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/07/31 06:53
S71	4	"0113990"	US-PGPUB; OR USPAT; EPO; JPO; DERWENT		ON	2008/07/31 06:54
S72	2	"200113990"	US-PGPUB; OR USPAT; EPO; JPO; DERWENT		ON	2008/07/31 06:54
S73	0	"9378181"	US-PGPUB; OR C USPAT; EPO; JPO; DERWENT		ON	2008/07/31 06:58
S74	10	"6450942"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/07/31 06:59
S75	2	S74 and offset	US-PGPUB; OR OI USPAT; EPO; JPO; DERWENT		ON	2008/07/31 07:16
S76	6	S74 and (average or representative)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/07/31 07:17
S77	0	S74 and electrotherapy	US-PGPUB; USPAT; EPO; JPO; DERWENT	JSPAT; EPO;		2008/07/31 07:19
S78	5	S74 and microprocessor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/07/31 07:19
S79	0	S74 and (random same generator)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/07/31 07:20
S80	0	S74 and processor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/07/31 07:20
S81	0	S74 and (preced\$ same value)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/07/31 07:21
S82	0	S74 and (preceding same value)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/07/31 07:21
S83	509	600/513.ccls.	US-PGPUB; USPAT; EPO; DERWENT	US-PGPUB; OR C USPAT; EPO;		2009/09/28 13:32
S84	16	"4541417"	US-PGPUB; USPAT; EPO; DERWENT	OR ON		2009/09/28 13:33
S85	15	"4541417" and sensor	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2009/09/28 13:34

S86	509	600/513.ccls.	US-PGPUB; OR USPAT; EPO; DERWENT		ON	2009/09/28 13:35
S87	587	600/515.ccls.	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2009/09/28 13:37
S88	6	"0113990"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/29 10:10
S89	2	"WO 0113990"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/29 10:11
S90	2	"200113990"	US-PGPUB; OR USPAT; EPO; JPO; DERWENT		ON	2009/09/29 10:11
S91	3	"0847776"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/29 10:12
S92	7	"9805379"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/29 10:12
S93	2	"WO 9805379"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/29 10:13
S94	699	heart and counterpulsation	US-PGPUB; OR USPAT; EPO; JPO; DERWENT		ON	2010/03/09 12:38
S95	179	S94 and (time same delay)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/03/09 12:39
S96	528	600/513.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/03/09 14:01
S99	12801	may.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/03/09 14:13
S100	0	"200300176901"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/03/09 14:14
S102	3	"20030176901"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/03/09 21:24
S103	428	counterpulsation same heart	US-PGPUB; OR USPAT; EPO; JPO; DERWENT		ON	2010/03/09 21:26
S104	29	S103 and (sens\$4 same window)	US-PGPUB; USPAT; EPO; JPO; DERWENT	JS-PGPUB; OR ON JSPAT; EPO;		2010/03/09 21:27
S105	12	S103 and (stimulation same (length and duration))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/03/09 21:29

S106	17	("3859989"   "3911898"   "4077402"   "4269175"   "4343302"   "4541417"   "4590925"   "4809676"   "5084281"   "5279283"   "5370603"   "5377671"   "5458626"   "5514079"   "5554103"   "5707400"   "5820567").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/09 21:33
S107	611	600/515.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/09 22:13
S108	1	"10578585" and (stimulation same length)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/10 12:38
S109	16	"4541417"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/10 12:39
S110	0	S109 and couterpulsation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/10 12:44
S111	4	S109 and counterpulsation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/10 12:44
S112	557	600/513.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/11/03 12:09
S113	14	"4541417" and (processor or microprocessor or computer or process\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/03 12:15
S114	685	600/515.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/03 12:16
S115	1	"10578585" and processor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/03 14:11

## **EAST Search History (Interference)**

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	389	600/513.ccls.	USPAT; UPAD	OR	ON	2011/06/01 21:53
L3	492	600/515.ccls.	USPAT; UPAD	OR	ON	2011/06/01 22:21

## 6/1/2011 10:24:37 PM

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